

PATENT ABSTRACTS OF JAPAN

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(54) DYNAMIC PATH CONTROL SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To control a bypass route even on the occurrence of a link fault in real time in the case of a network large in the number of switching nodes.

SOLUTION: A link 16 in which congestion is most probably caused in a network is estimated, and a congestion monitor point is set to a switch of the link 16. Furthermore, an optimum route and a route when the link 16 is interrupted are calculated in advance, and a routing table for them is arranged distributedly in each node. A congestion notice is conducted by a network manager in the case of a packet network and by using a congestion notice cell 15 in the case an ATM network.

